

GILA RIVER BASIN

09487100 LITTLE BRAWLEY WASH NEAR THREE POINTS, AZ

LOCATION.--Lat 32°07'25", long 111°19'45", SE¹/₄NW¹/₄ sec.16, T.15 S., R.10 E., Pima County, Hydrologic Unit 15050304, 3.4 mi north of Three Points.

DRAINAGE AREA.--11.9 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1962	09-26-62	¹ 13,800	HP	1975	08-00-75	1,150	
1968	08-00-68	450		1976	09-25-76	2,230	
1969	08-16-69	388		1977	00-00-77	0	
1970	00-00-70	700		1978	10-06-77	2,500	
1971	00-00-71	1,440		1979	08-15-79	566	
1972	00-00-72	310		1980	06-30-80	893	
1973	00-00-73	1,500		1981	09-05-81	1,150	
1974	00-00-74	335					

¹Highest since 1462.

Magnitude and probability of instantaneous peak flow based on period of record 1962, 1968-81

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2 50%	5 20%	10 10%	25 4%	50† 2%	100† 1%
777	1,450	2,010	2,860	3,600	4,440
Weighted skew	(logs) =	0.05			
Mean	(logs) =	2.89			
Standard dev.	(logs) =	0.32			

† Reliability of values in column is uncertain, and potential errors are large.

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
112	5.9	2,800	0.0	3.0	13.0	2.1	4.7

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